

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112718\
 Data File : BG038191.D
 Acq On : 28 Nov 2018 8:07
 Operator : JU/SJ
 Sample : J6065-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 28 10:33:51 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

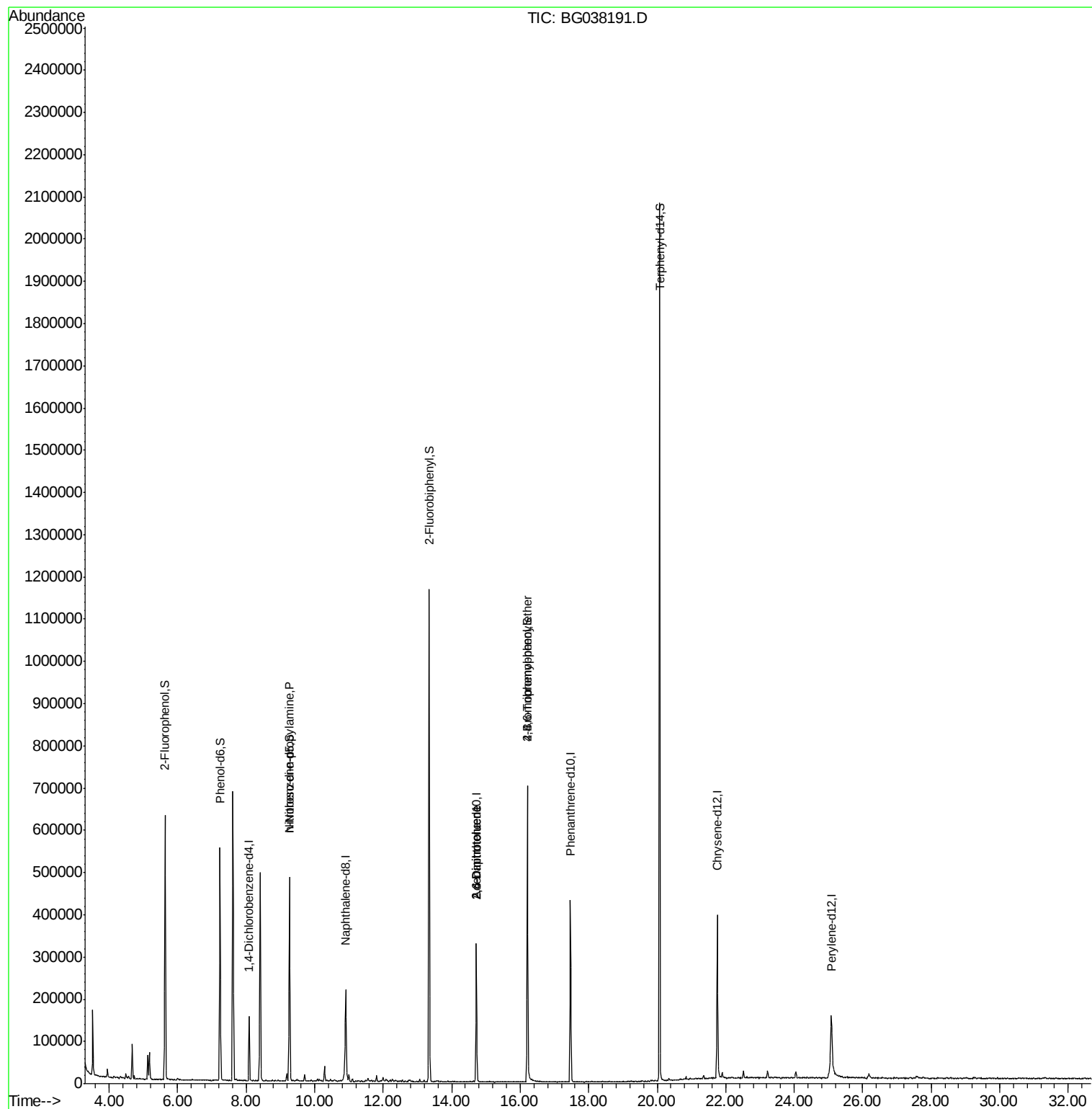
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	44417	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	188472	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	119523	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	273880	20.00	ng	0.00
76) Chrysene-d12	21.76	240	256329	20.00	ng	0.00
87) Perylene-d12	25.09	264	223115	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	274772	106.81	ng	0.00
7) Phenol-d6	7.24	99	340716	92.78	ng	0.00
23) Nitrobenzene-d5	9.27	82	289866	82.33	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	136670	100.26	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	624737	76.15	ng	0.00
79) Terphenyl-d14	20.07	244	1003482	92.12	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.26	70	38250	14.395	ng	# 75
51) 2,6-Dinitrotoluene	14.72	165	15271	7.121	ng	# 26
57) 2,4-Dinitrotoluene	14.72	165	15271	5.234	ng	# 26
67) 4-Bromophenyl-phenylether	16.21	248	9222	3.068	ng	# 1

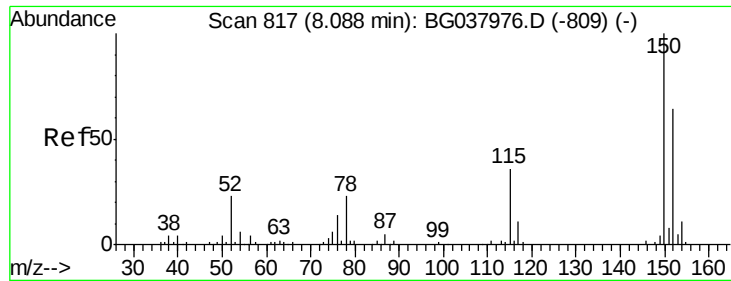
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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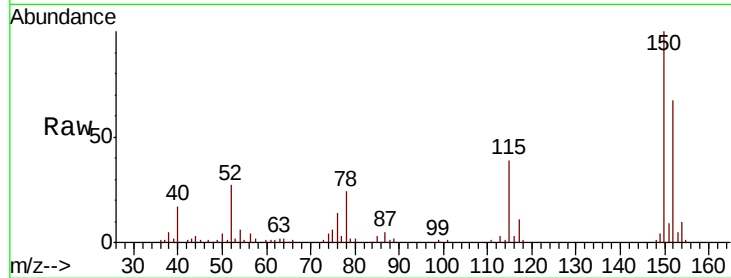


#1

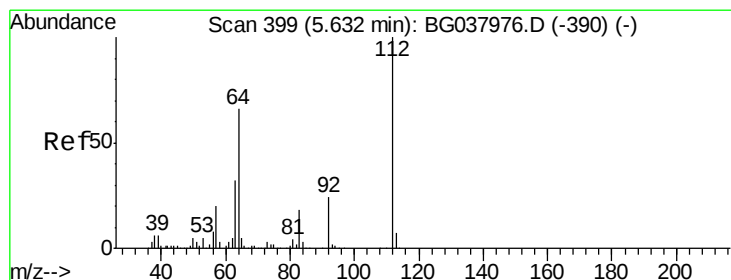
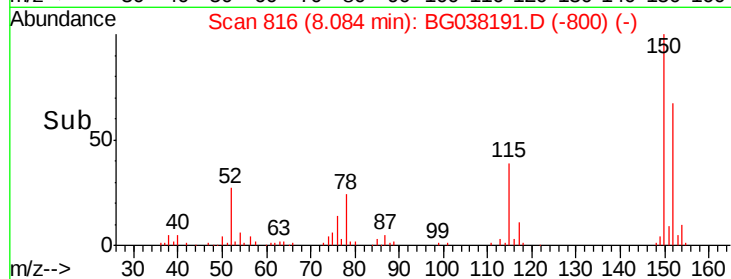
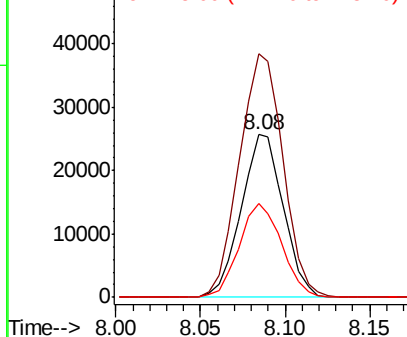
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 816
Delta R.T. -0.00 min
Lab File: BG038191.D
Acq: 28 Nov 2018 8:07

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 44417
Ion Ratio Lower Upper
152 100
150 149.9 126.0 189.0
115 58.1 45.5 68.3



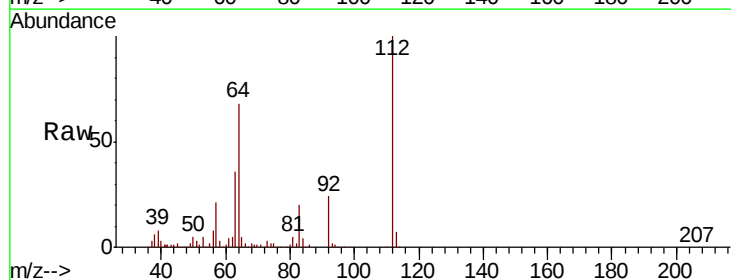
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



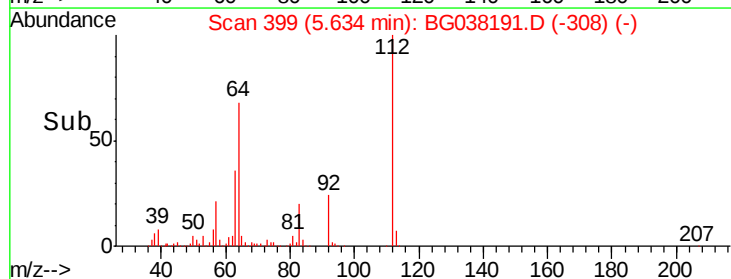
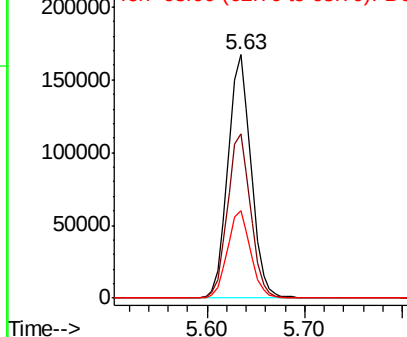
#5

2-Fluorophenol
Concen: 106.809 ng
RT: 5.63 min Scan# 399
Delta R.T. 0.00 min
Lab File: BG038191.D
Acq: 28 Nov 2018 8:07

Tgt Ion:112 Resp: 274772
Ion Ratio Lower Upper
112 100
64 67.6 53.1 79.7
63 35.9 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 92.783 ng

RT: 7.24 min Scan# 672

Delta R.T. 0.01 min

Lab File: BG038191.D

Acq: 28 Nov 2018 8:07

Instrument :

BNA_G

ClientSampled :

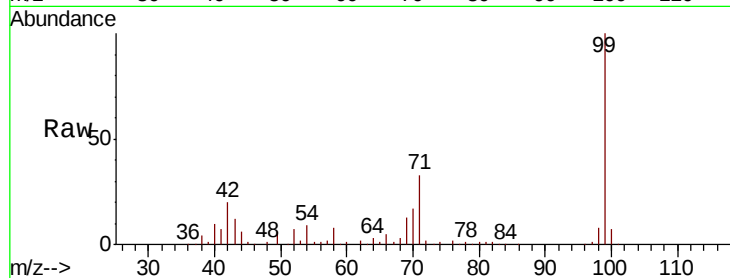
Tot Ion: 99 Resp: 340716

Ion Ratio Lower Upper

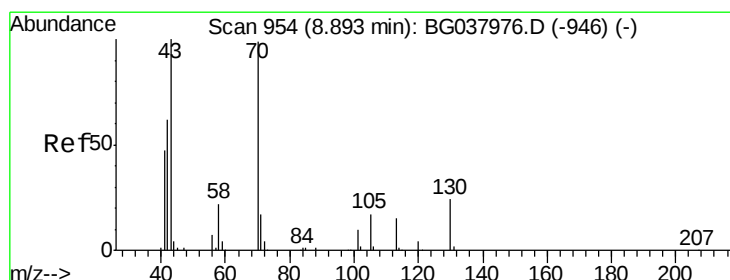
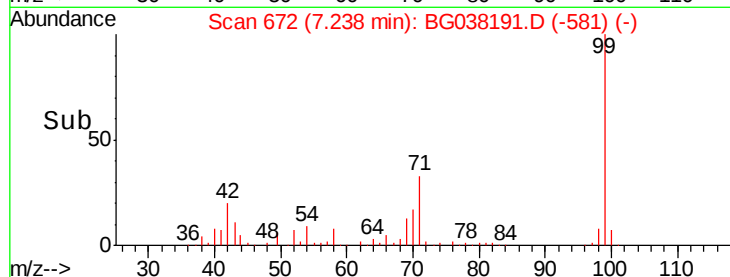
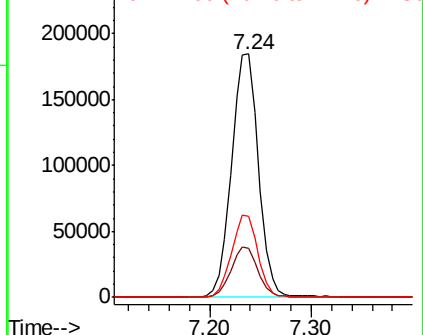
99 100

42 20.4 15.0 22.4

71 33.5 25.5 38.3



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#19

n-Nitroso-di-n-propylamine

Concen: 14.395 ng

RT: 9.26 min Scan# 1016

Delta R.T. 0.37 min

Lab File: BG038191.D

Acq: 28 Nov 2018 8:07

Tgt Ion: 70 Resp: 38250

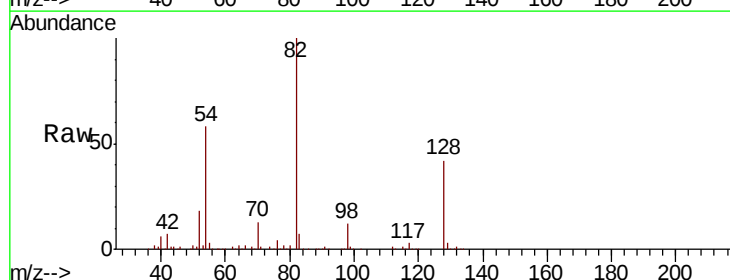
Ion Ratio Lower Upper

70 100

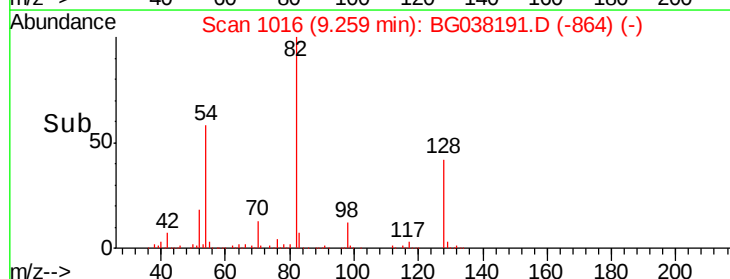
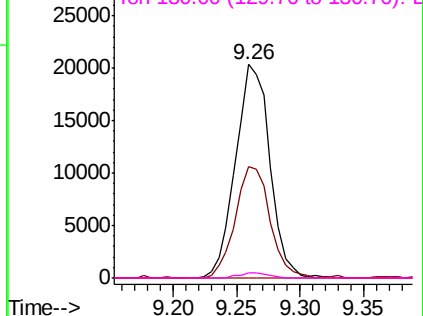
42 51.9 53.9 80.9#

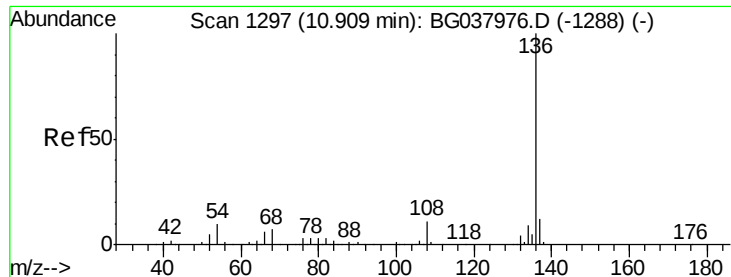
101 0.0 8.2 12.2#

130 2.4 18.2 27.4#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.90 min Scan# 1296

Delta R.T. -0.00 min

Lab File: BG038191.D

Acq: 28 Nov 2018 8:07

Instrument :

BNA_G

ClientSampled :

Tot Ion:136 Resp: 188472

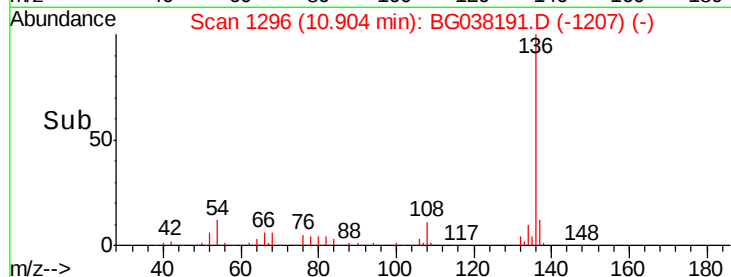
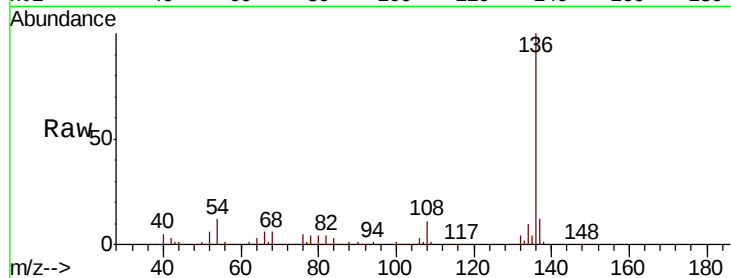
Ion Ratio Lower Upper

136 100

137 12.0 9.6 14.4

54 12.3 7.9 11.9#

68 6.4 4.8 7.2

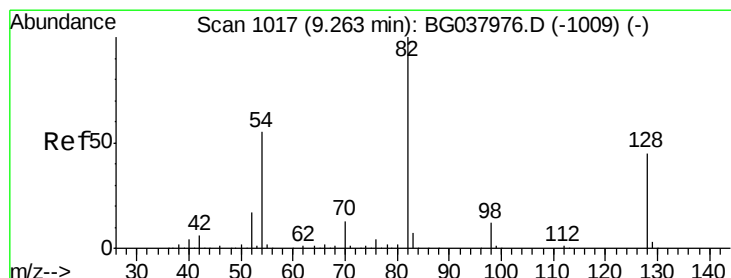
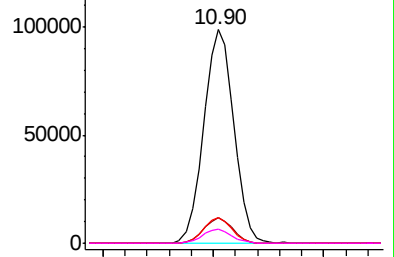


Abundance Ion 136.00 (135.70 to 136.70): E

150000 Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23

Nitrobenzene-d5

Concen: 82.329 ng

RT: 9.27 min Scan# 1017

Delta R.T. 0.00 min

Lab File: BG038191.D

Acq: 28 Nov 2018 8:07

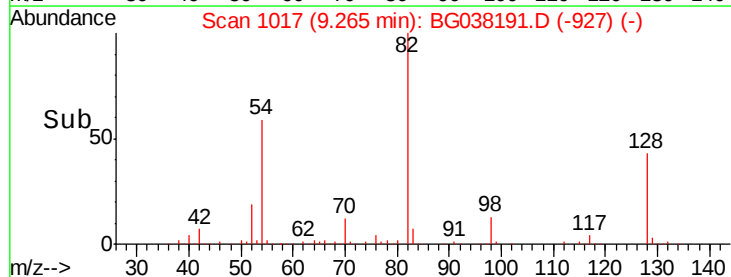
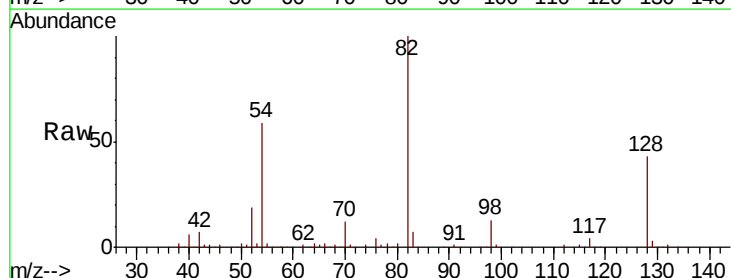
Tgt Ion: 82 Resp: 289866

Ion Ratio Lower Upper

82 100

128 43.3 34.6 51.8

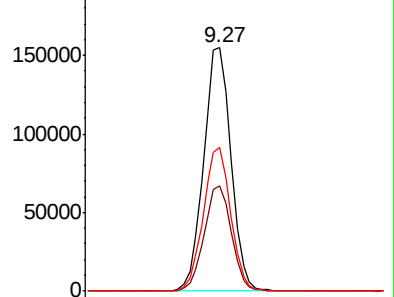
54 58.8 45.3 67.9



Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1945

Delta R.T. -0.00 min

Lab File: BG038191.D

Acq: 28 Nov 2018 8:07

Instrument :

BNA_G

ClientSampleId :

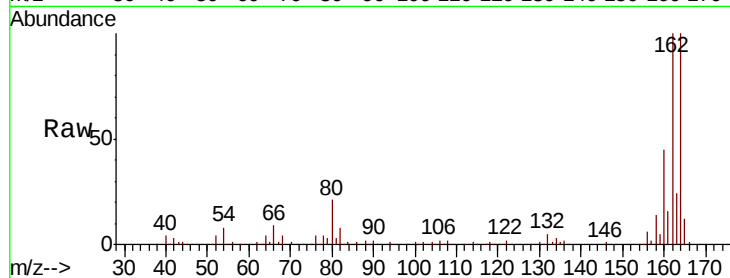
Tot Ion:164 Resp: 119523

Ion Ratio Lower Upper

164 100

162 100.1 81.3 121.9

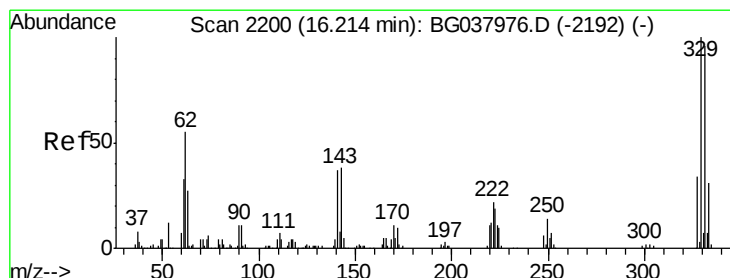
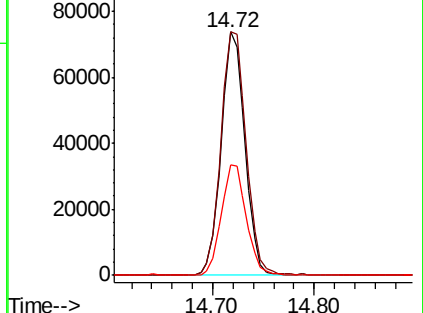
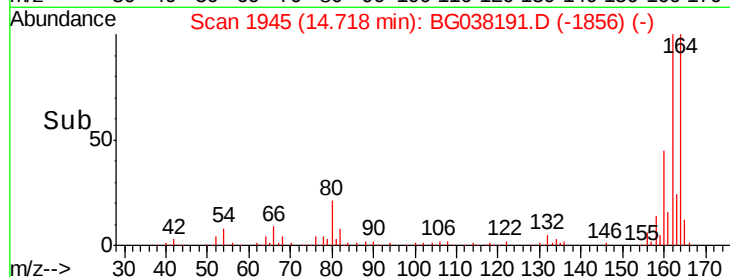
160 45.2 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 100.262 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.00 min

Lab File: BG038191.D

Acq: 28 Nov 2018 8:07

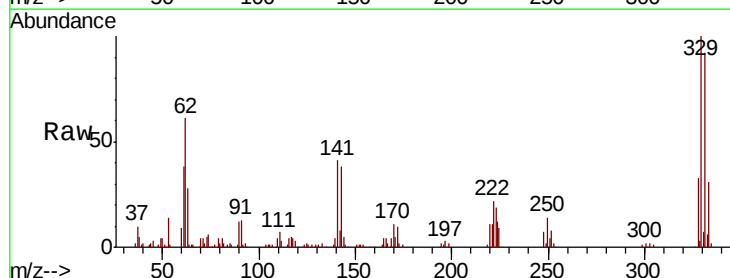
Tgt Ion:330 Resp: 136670

Ion Ratio Lower Upper

330 100

332 95.8 78.4 117.6

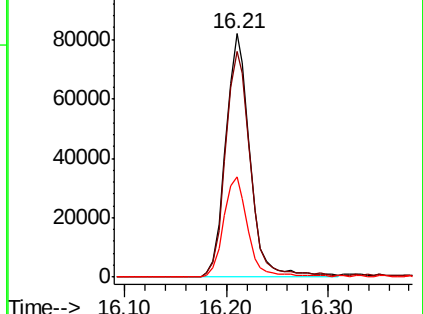
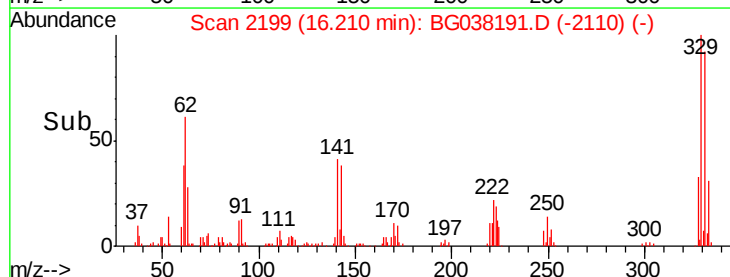
141 40.5 32.2 48.2

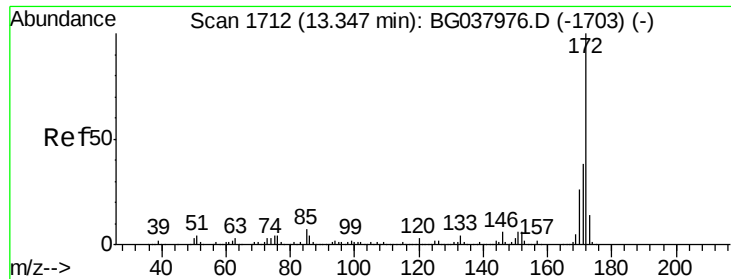


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

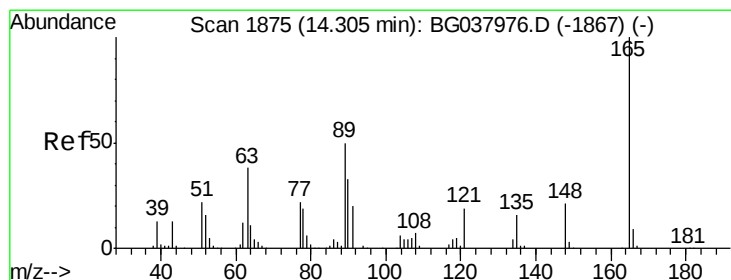
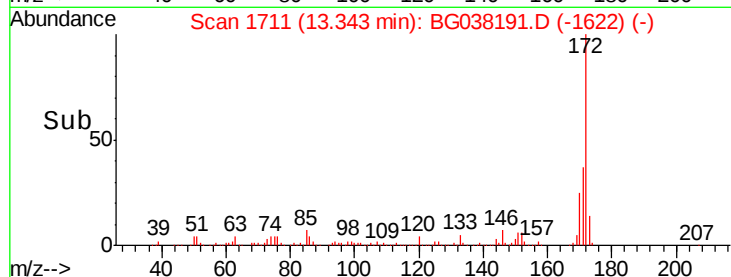
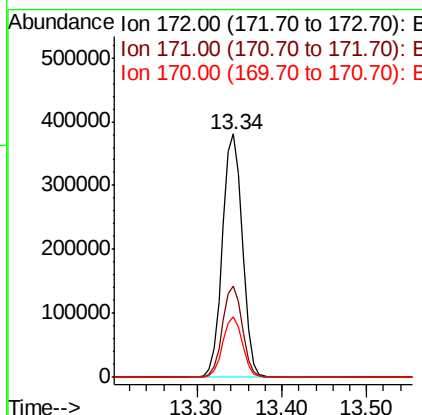
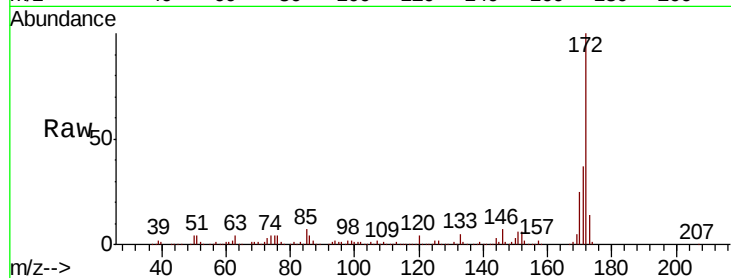




#45
 2-Fluorobiphenyl
 Concen: 76.148 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.00 min
 Lab File: BG038191.D
 Acq: 28 Nov 2018 8:07

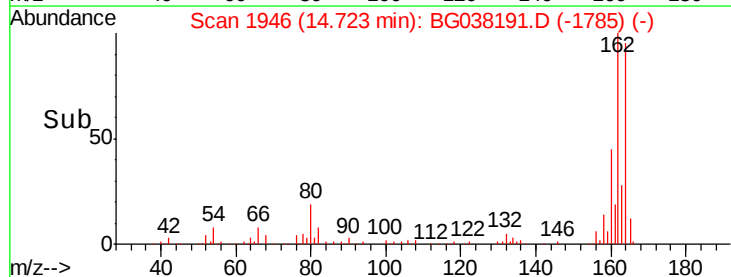
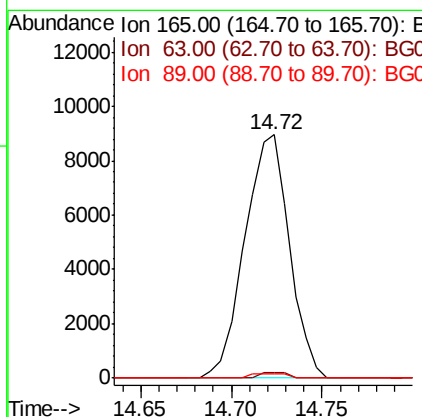
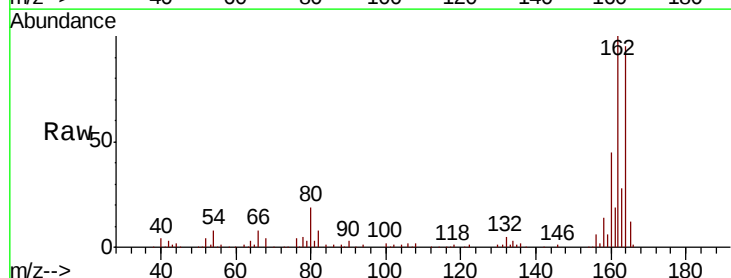
Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.5	31.0	46.4
170	25.1	20.2	30.2



#51
 2,6-Dinitrotoluene
 Concen: 7.121 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. 0.42 min
 Lab File: BG038191.D
 Acq: 28 Nov 2018 8:07

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.4	43.4	65.2#
89	1.9	45.8	68.6#

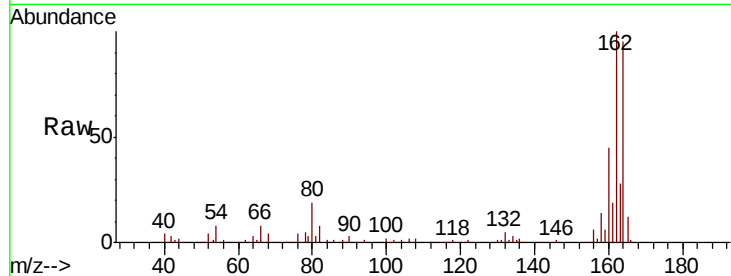




#57
 2,4-Dinitrotoluene
 Concen: 5.234 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. -0.36 min
 Lab File: BG038191.D
 Acq: 28 Nov 2018 8:07

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	2.4	33.4	50.0#
89	1.9	57.2	85.8#
182	0.0	2.6	4.0#

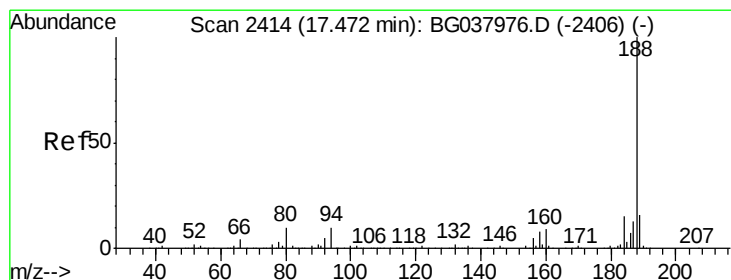
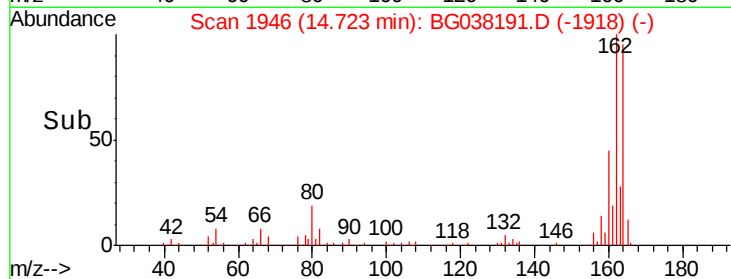
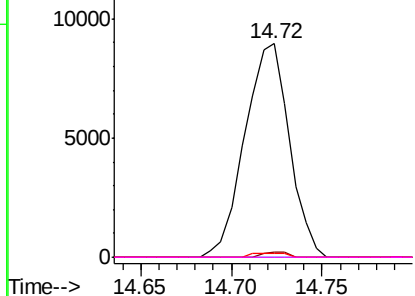


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

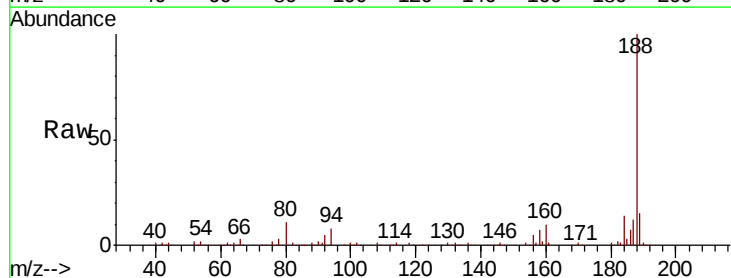
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.47 min Scan# 2413
 Delta R.T. -0.00 min
 Lab File: BG038191.D
 Acq: 28 Nov 2018 8:07

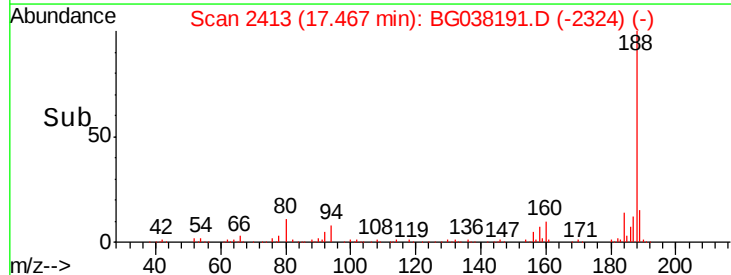
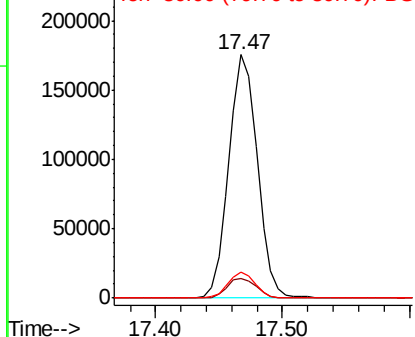
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.9	7.2	10.8
80	10.5	7.7	11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

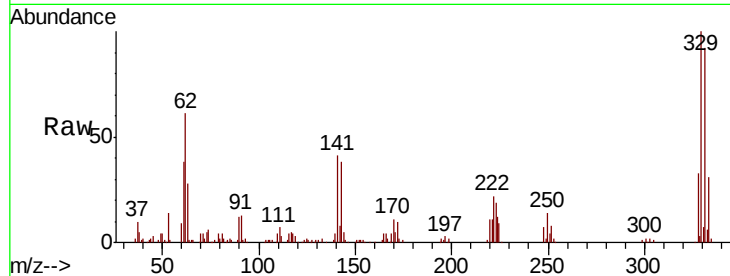




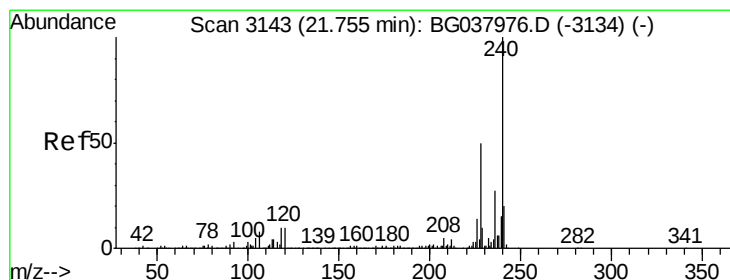
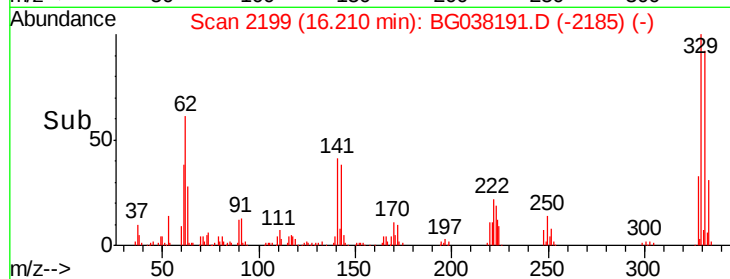
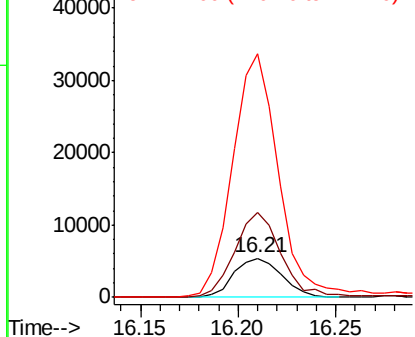
#67
 4-Bromophenyl-phenylether
 Concen: 3.068 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.44 min
 Lab File: BG038191.D
 Acq: 28 Nov 2018 8:07

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 9222
 Ion Ratio Lower Upper
 248 100
 250 208.8 77.0 115.6#
 141 465.4 55.5 83.3#

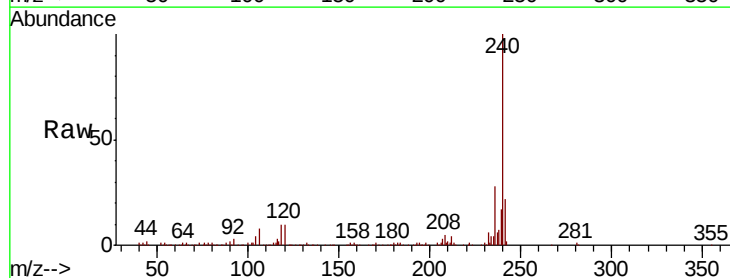


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

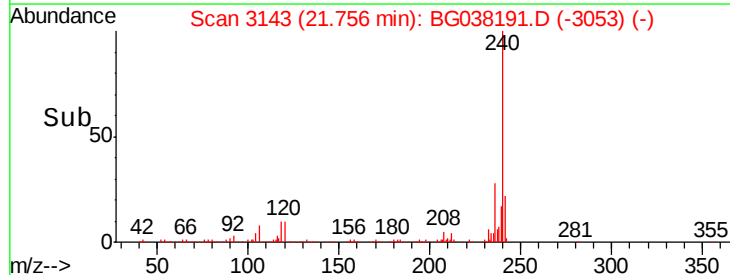
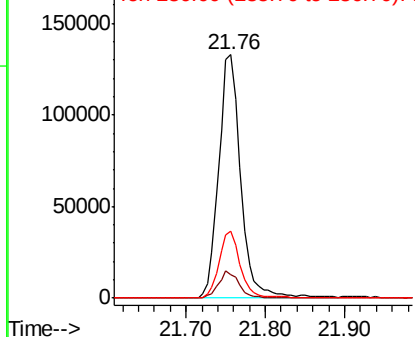


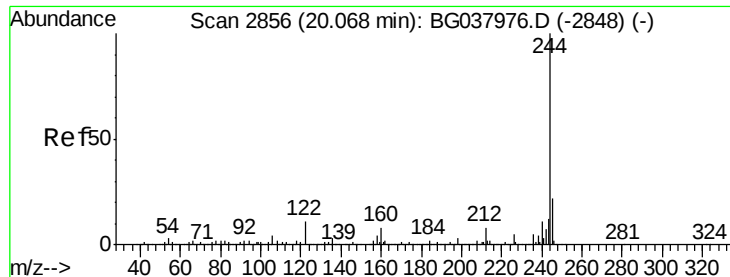
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.76 min Scan# 3143
 Delta R.T. 0.00 min
 Lab File: BG038191.D
 Acq: 28 Nov 2018 8:07

Tgt Ion:240 Resp: 256329
 Ion Ratio Lower Upper
 240 100
 120 9.7 8.1 12.1
 236 27.8 21.4 32.0



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 92.116 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG038191.D

Acq: 28 Nov 2018 8:07

Instrument :

BNA_G

ClientSampled :

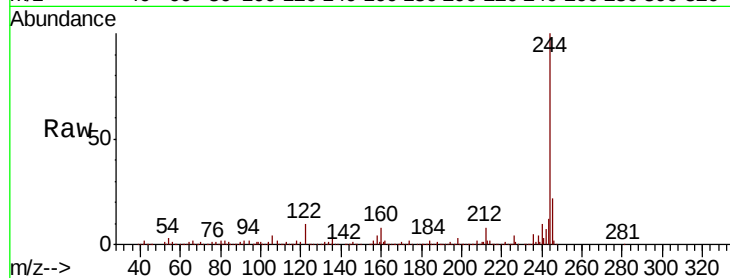
Tot Ion:244 Resp: 1003482

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

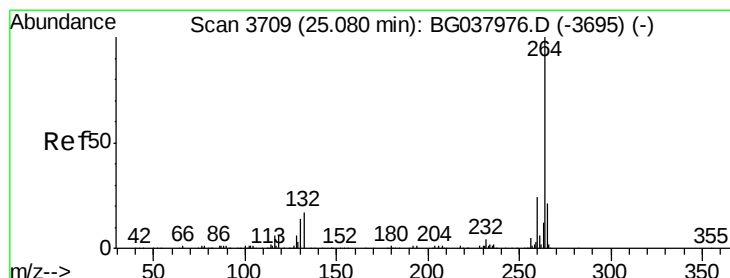
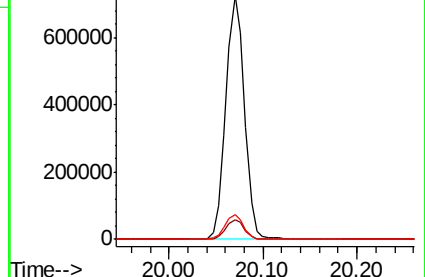
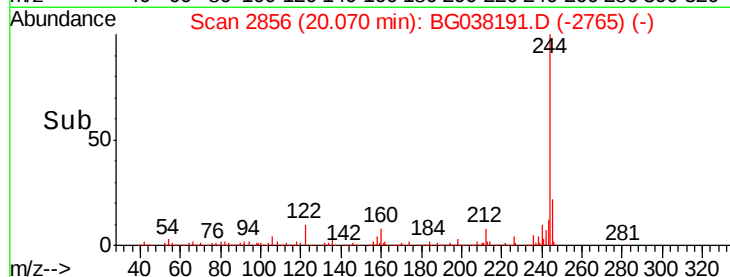
122 10.0 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.09 min Scan# 3710

Delta R.T. 0.01 min

Lab File: BG038191.D

Acq: 28 Nov 2018 8:07

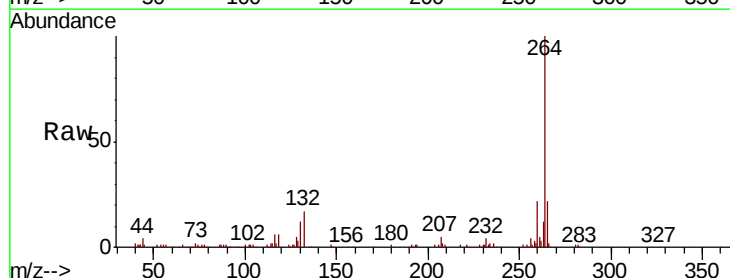
Tgt Ion:264 Resp: 223115

Ion Ratio Lower Upper

264 100

260 21.9 18.2 27.4

265 21.9 17.9 26.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

